



ABSTRACT OF THE DISCLOSURE:

A head retracting method retracts a head to a retract position which is different from a disk to perform a stable unload operation when a power supply failure occurs, regardless of the position and the velocity of the head. When the power supply failure occurs, a controller controls that the head reaches an inner stopper, which is at a predetermined position in an opposite direction from the ramp, so as to stop at the inner stopper at a predetermined position without receiving impact shock, regardless of what position the head is and regardless of what velocity the head is moving. The head is unloaded from the predetermined position by constant voltage driving, so the head contacts the ramp and climbs onto the ramp at a predetermined velocity.